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Precision SHOOTING

a magazine for shooters by shooters

PRECISION SHOOTING

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The Precision Shooting back issue file awaits your request. We have recently acquired some additional back issues which will fill a few of the lower piles.

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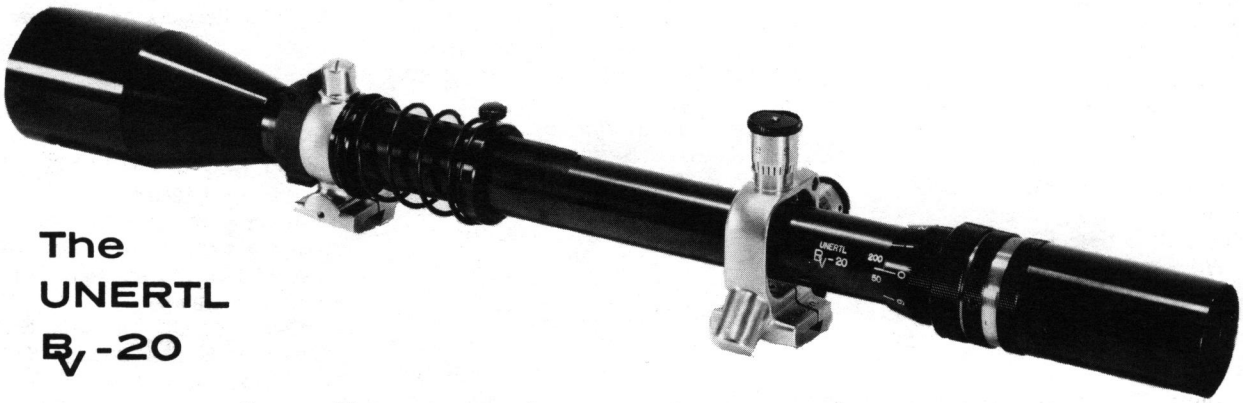

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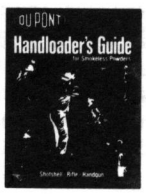

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President's Message

IBS recently received the resignation of J. R. "Bob" Jones, Second Vice President. Bob has accepted a position and relocated in DeLand, Florida. To explain his resignation let me quote from his letter. "You must have someone in the Second Vice President slot who is available, who regularly attends your executive functions, and who is active in the shooting program so he can be aware of what our organization needs. As a resident of Florida, I cannot meet one of these qualifications." Bob expressed his sorrow at having to make this decision. He was extremely active in office and we really miss him. Dedicated shooters that are willing to carry the load are a rare breed.

As stipulated in the Bylaws, your Executive Board immediately appointed Jim Stekl, of Mohawk, N.Y., to fill the remainder of Bob's term. Jim needs no introduction and no one can doubt his qualifications for this position. He is the Awards Committee Chairman and will be responsible for application of the Precision Rifleman Award procedure.

The new rule book as rewritten is now available. I have been asked to advise you that any changes found in this book are for a trial period of one year. It will be accepted or rejected at the next Annual Meeting. It could again be revised by action taken on agenda items submitted by you, the members. Please be advised there is a clerical error on page 13, section III — P. Firing under artificial lights is authorized, not unauthorized, as it states.

Fred Sinclair has accepted chairmanship of the International Postal Awards committee. He has promised immediate action from this committee. Fred invites correspondence from any and all having suggestions or interest in International Postal competition.

Well, I'll bet most of you are looking forward to the summer tournament schedule which starts this month. We shot through March wind and April showers, not to mention Jan. and Feb. You bet, I'm ready for summer!

See you at the shoots,

Jack Deming

"The Editor's Hour"

With the opening match date just around the corner there is much to bring to your attention. Let's get on with it.

Please make note that all match dates have been confirmed and made official with the return of the match contracts. No major changes are present. We will keep you informed if there are any additions or changes as the season wears on.

* * *

Austin Hogan reminds me to remind you that the Harvey Donaldson Memorial Match will be held at the New York State Championship on June 19 and 20.

* * *

I have just recently been informed that Fred Sinclair has been named Postal Match Chairman to replace Malcolm Barron. In addition, Fred notified me that the 1974 Postal results have been mailed and the 1975 set is in the works. I also believe some awards have been sent. It is good to have Fred working with us in this capacity. If the report arrives in time it will be used in this issue. If not look for it in June.

* * *

One of my favorite chores is the boosting of a new club as they become active in our sport. The Camillus Sportsmen's Club of Camillus, N.Y. is sponsoring their first registered match on the May 29-30 weekend. Situated near Syracuse this group of fine shooters sports a nice range and much enthusiasm.

I have been informed that they will have kitchen facilities open for Breakfast, Lunch and Supper on Saturday and for Breakfast and Lunch on Sunday. You can look for a good time if you attend this match. Look for a map and additional data elsewhere in this issue.

* * *

The York Izaak Walton League sent along a letter of interest. For the Grand Aggregate Hunter Prizes this year they are offering the following goodies.

1st Place — New Remington 600 rifle.

2nd Place — 500 Sierra 168 Gr. Match Bullets

3rd Place — 1,000 CCI BR Large Rifle Primers

To get in on this a shooter must have 5 registered matches at York, not including the International Championship, during 1976.

Bullets appear to be making the news lately. Wally Hart is entering the bullet making business. I have samples of both .224 and 6mm bullets for testing purposes. They look good. Wally informs me that they will be marketed in a plastic box and the price will be competitive. Look for more on this shortly.

* * *

Some time ago I mentioned that I was working on a prototype Arbor Press with a manufacturer. B-Square of Fort Worth, Texas has now marketed that press and they have an ad on it in this issue.

From the time of the first sample to the present model I can assure you that the press made several changes, all for the better. Many shooters gave their opinions on the original and these opinions were used in manufacturing the final tool.

Recently I received a sample of the finished product. It is a nice tool which will be a worthy addition to any shooter's kit. Look for a product report as soon as pictures are made.

* * *

CBS Television is still with us. Remember them. The makers of "The Guns of Autumn" are still at it hard and fast.

A recent show depicts a skull with a 22 hole in top of it. The dialogue reveals that it was made with a 22 target pistol. Archaelogy jumped ahead 500 years with that discovery for now a simple New York detective can view a skull and state that not only was it a 22 but also a target pistol that did the dirty deed. All this originally happening in 1958, or so the story goes.

The very next week this same show reveals that a character of the underworld has been sent to his demise by nothing less than a "collector's pistol." All of this derived from viewing a bullet hole in a corpse. How sweet it must be to be able to take liberties with others and their freedoms under the cloak of creative entertainment.

If you have not guessed, the origin of these intelligent (??) observations by now it is none other than everyone's favorite on Sunday night "KOJAK". Need I say more.

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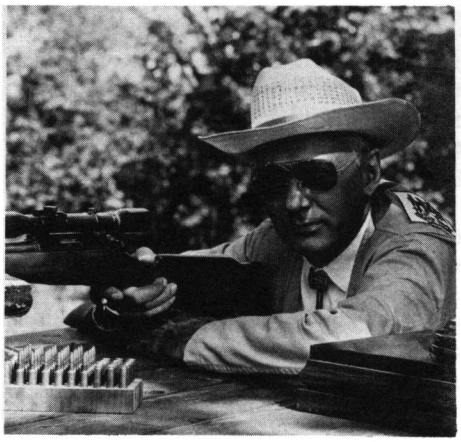

A STRANGE REQUEST

Can you tell me what centerfire cartridge and rifle holds the record for rapid fire competition, five shots in one minute, at 100 yards, outdoors, offhand with sling? The rifle limit is 9 3/4 pounds and any sight is allowed.

Can you recommend a specific load? What rifle and action type would be best? How does scope power and brand enter the picture? What stock style or design would be best? I hope you can enlighten me a little on this. The target to be fired on will be the SR-1 or SR-2 as used in competition by NRA High Power shooters.

Mr. M. Acconcia
765 40 Street
Brooklyn, N.Y.

Offhand rapid fire is a sport which depends so much on the skill of the shooter that I doubt that any particular rifle could be named as best.

My own choice would be a Rem. 40X repeater in a caliber with the lightest recoil to meet the rules. Many over-the-course shooters use the Win. 70 target as well as the Rem. 40X. The Ruger No. 1 might be a slight handicap since it is a single shot. If the Ruger 77 is available in a target version weighing over 9 lbs. then this would be the buy in a Ruger. The extra weight is needed for steady holding. A cross hair reticule in a 6X to 10X scope would be ideal. The 10X requires more off hand experience. My choice would be the 6X.

If you choose the standard repeating target rifle used most in National Course events, it would be a .308 in 12" twist. The best loads would be the 165 to 185 grain hollow point boat tail match bullets with 3031, 4895, or H380. You would need to work out the loads for the particular rifle starting with handbook recommendations.

The stock shape and dimensions are a personal thing. It is suggested that you start with a standard factory stock and branch out from there.

M. H. W.

WHAT SCOPE?

I have become an avid follower of benchrest shooting and last November I became a member of IBS. I eventually hope and look forward to the day that I will participate in IBS matches.

I recently ordered a Remington 40XB-BR in caliber .222 with a 26" barrel and according to the factory it has a 12 1/2 pound weight thus meeting the I.B.S. specifications for the Heavy Varmint Class. Since I have been told that I will have to wait at least eight months for delivery of the rifle, I am now devoting my time on deciding which scope to mount on the rifle.

What is your advice as to the ideal scope for the Remington 40XB-BR in this weight so as not to exceed the I.B.S. competition weight limits. As I am new to this area of shooting I will appreciate any advice you may have to offer, as you know the market for scopes is quite large and to say the least it can be confusing to a novice in benchrest shooting.

Thank you for your assistance in this matter.

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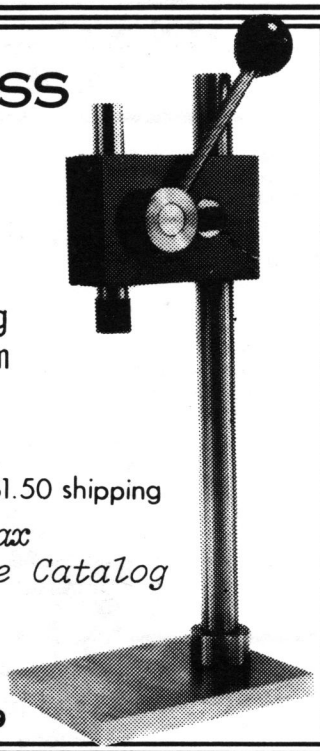

Many bench rest shooters are using short scopes mounted entirely on the receiver. The short 20X Lyman seems to be preferred, but the Unertl and Leopold are also used. We have not examined the new short Redfield.

If you plan to possibly get into rebedding using the epoxy barrel bedding then it is suggested that you consider only the long scopes such as the Lyman super target spot or the Redfield 3200 or one of the ligher Unertls such as the 1 1/4" target. The 2" Unertl sometimes puts the 40X over 13 1/2 lbs., but not always. I use all of these with no problems.

When the epoxy barrel bedding method is used the general practice is to mount the scope so that it bridges the epoxy under the barrel. This gives less danger of scope and barreled-action interaction due to vibration or flexing. The short scopes are just too short to accomplish this mounting.

M. H. W.

SCOPE BASES & RINGS

In your Feb. 1976 column I was very interested in the 40XBR. I have one of these rifles and I just acquired a new scope. It is a Leupold MB 24X AO and I would like your professional opinion on what mounts and rings you would use.

Mr. Sturart Berkeley
P.O. Box 367
Bethpage, N.Y. 11714

The bench rest shooters are using all types of mounts with the short scopes such as the Leupold. The bridge type Leupold is a good one. The Redfield is essentially identical and has been the No. 1 for a long time. It would also be possible to use the Redfield 3200 mount if they will supply the proper bases to mount the scope on the receiver, which I doubt, unless they are using this mount for their new short scope.

If weight is a problem, as it sometimes is on a light varmint or sporter, Redfield makes front and rear bases without the bridge, thereby cutting the weight considerably.

M. H. W.

WESTERN NEW YORK SCHUETZEN SOCIETY'S Match Schedule

The Western New York Schuetzen Society will present a match on May 28, 29, and 30. This will consist of their standard program, plus a special match for Single Shot Varmint Rifles which are using jacketed bullets. This is to include, but not be limited to, the Ruger No. 1, No. 3 and Browning Model 78's. No bolt actions please.

The New York State Slug Gun Championship will be held from July 24 to August 1. This is a large event with a selection of matches. Merchandise will also be awarded.

September 17, 18 and 19 should be noted as the dates for the fall shoot. With the many offerings it should be possible to make at least one of these shoots.

For further information contact: James A. Welsh, 137 Tremaine Ave., Kenmore, N.Y. 14217.

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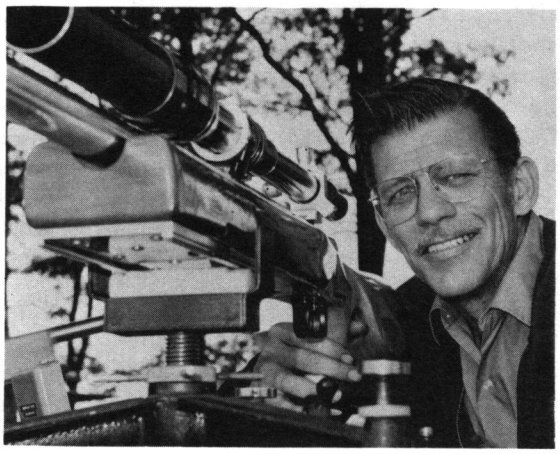
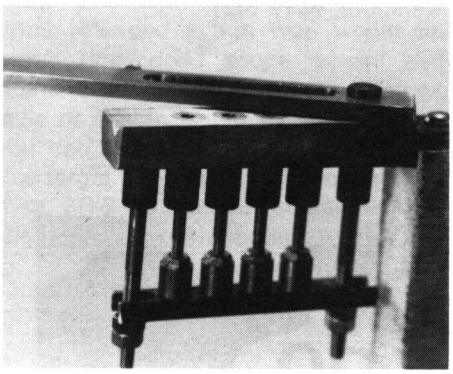
Benchrest Feature

by Lt. Col. Rick Hornbeck
R.D. 1, Box 51
Pine Bush, New York 12566



MOULDING CORES

The jacketed bullet must have a lead core and as a general rule it is made from lead wire of proper diameter and cut to length with one of the number of core cutters on the market. Another approach, not widely used, is moulding the core with a suitable core mould.



D.R. Corbin Mfg. Co. makes such a core mould. It is rather unique in design and use (see photo above). Each chamber in the four cavities is adjustable for different weights. This allows adjusting for one weight in all cavities or as many as four different weights before the moulding session. A stop bar under the four cavities also acts as an ejector of cores after they are poured. The mould assembly is designed to be mounted on a work bench with bolts or screws. It can be held with a "C" clamp or in a vise. There is no need to turn the mould over to get the cores out as we will see later.

We must use pure lead for cores and bullet forming if we are going to make acceptable bullets and to prevent excessive pressures in our bullet dies and press. When we are looking for junk lead keep this in mind. Most lead we pick up as scrap lead is an alloy and is too hard. Hunting around will usually produce some source of pure lead, or it can be bought from a supply house.

The first chore we must accomplish is adjusting the mould for the bullet weight desired. We found one problem at once when we started adjusting the cavities for a particular weight. The two outside studs which adjust the stop bar have only one nut to adjust the total travel of the bar. This made it impossible to hold any setting. Two 1/4" nuts were added, one to each stud, to act as lock nuts. This held the stop bar setting perfect during moulding.

The individual cavities were then adjusted for a predetermined weight. Each cavity is held in adjustment by its own lock nut. The instructions with the mould indicate that the cavities can be set with a sample core or toothpick. We found this to be a very coarse method, since we wanted all four cavities adjusted for identical weights. It is of major importance to have each and every core for a lot of bullets giving the same weight and diameter if we are going to make the best possible bullets (see P.S., March '71, pg. 15).

The only way we found to get all four cavities set exactly alike was with a depth micrometer, measuring from the top of the mould body, with the sprue cutter rotated to the open position, to the bottom of each cavity. This proved to be a rather rapid method in addition to giving exact duplication of cavity lengths. We mounted the mould in a vise on the bench, got the lead pot going and were ready to mould.

Lead is poured in the normal manner for a multi-cavity mould. After cooling, the sprue cutter is moved clockwise to clear the cavities. The stop bar on the bottom of the assembly is pushed upward, and all four cores are ejected upward like toast from a toaster. By wearing protective gloves, no mallet is needed to operate the sprue cutter or ejector. We found this to be a very quick and easy operation after using the mould for a short period.

For anyone who has not had experience with conventional moulding equipment, a word of warning. Protective clothing is a must. To prevent mishaps wear heavy gloves, long sleeves and eye protection. Run the wife and kids out. Be careful! The lead is something over 621°F. Getting it on bare skin will not be the high point of your day!

If already equipped with the necessary tools to melt and pour bullets with conventional moulds, you may or may not have the equipment required to get the desired results with this mould.

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First of all the mould is large, has a lot of metal-to-air surfaces. Getting the mould up to working temperature to get rid of all defects in the finished core and keeping it there requires a rather large reservoir.

The ability to get it into the cavities quickly before the metal has a chance to cool down is important. We found that the electric pot we usually use did not have enough clearance to get this mould under the metering spout. The Corbin mould is 4 1/4" high, so at least 4 1/2" is needed between the base and spout of an electric pot. In addition, the ability to get a large amount of lead poured in minimum time is required. We found that we had success only when we got a large open pot of lead going and did our pouring with a small plumber's ladle. With this setup we had no trouble getting the mould up to working temperature and keeping it there. The plumber's ladle made it possible to get the lead poured quick enough to prevent voids in the finished cores. We had little success with the conventional pot and dipper made for bullet moulding. Also, our finished core uniformity in length and diameter improved to acceptable limits with the open pot and ladle.

The initial bullet making dies which Corbin sells are designed to seat this moulded core into the jacket without further forming. A core forming die to reform the core before core seating is now also available. More on that at a later date.

The moulded cores check out in length and diameter to acceptable tolerances for making hunting and informal target shoting. Any difference is due to one of two things: uneven heat throughout the mould or uneven pouring rates into the individual cavities. This results in different cooling rates which affect overall length and diameter of finished cores. Attention to detail during pouring will eliminate this problem.

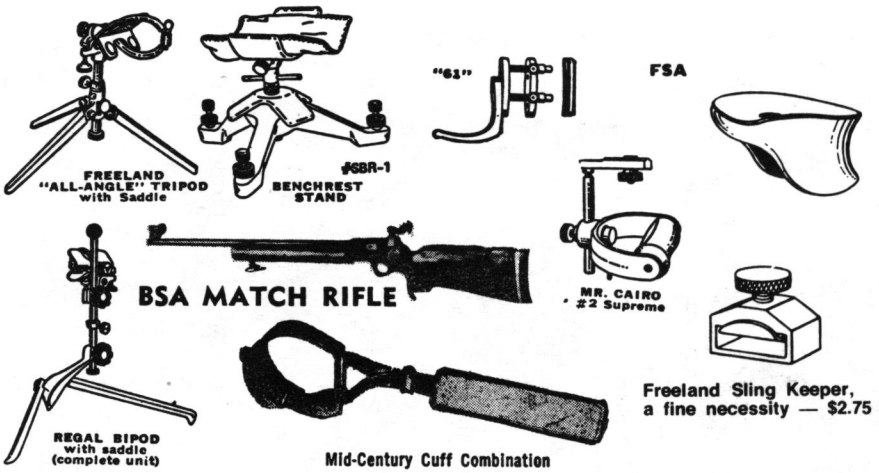
Just to see what could be done with these moulded cores for quality match bullets, we reformed selected moulded cores in a B & A core forming die. We found that we could make quality cores. The need for checking the moulded cores for uniform length and diameter and being very selective will be apparent to the experienced competitive bullet maker. Bullets for hunting and informal target shooting can probably be made with cores as they come from the mould. Again, being selective will pay off with a better finished bullet.

The core mould can eliminate the current high cost of lead wire needed for jacket bullet making. Unlike moulding bullets for handgun and rifle use with conventional moulds, the need for pure lead, well fluxed, is necssary for core moulding. It takes time to do, and is far from a quick way of getting the required core. In addition, it takes time to check the cores for imperfections and differences in length and diameter. For the individual willing to work at it, take time and be selective, acceptable cores can be made with the Corbin mould.

Current list price for the mould is $29.50. Core diameters are available in the following sizes: .186", .208", .224", 248", .310" and .375" which covers bullets from .224 to .45 cal. For a current catalog of all products offered, send $2.00 to D. R. Corbin Mfg. Co., P.O. Box 44, North Bend, Oregon 97459.

More next month.

FOR THE SHOOTER BY A SHOOTER



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The Italian Bench Rest Championships 1975

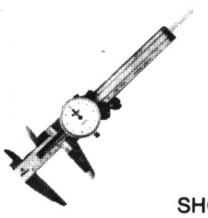
by R. R. Moorhead
and Dr. L. Palmisano

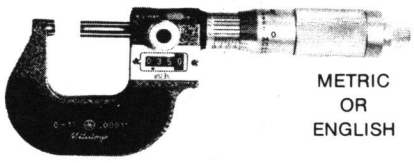
On the days of July 19 and 20 in 1975, The Assoc. Italiano Tiratore Bench Rest Shooters held its first national championship for Light Varmint and Heavy Varmint Rifles. It was a success and they will now, most likely, show expansion as they learn the game and become more interested. It is with pleasure that we present this report on that match.

The Italian bench shooting movement is sparked by three men, Alberto Midili, Giorgio Tinarelli and Bruno Muzzani. Through their efforts all that is now present has been formed. Working to overcome objections and change situations whenever needed they have moulded the basis for a good organization.

The Italian bench shooting gathering for their national championships attracted the following shooters: L to R: P. Vavissa, Mrs. Ziscka, A. Midili, G. Tinarelli, G. F. Manfredini, Mr. Ziscka, B. Muzzani, an unknown young lady. Seated: G. Rossi, E. Camilli, G. Gifuoi.

MITUTOYO





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Mr. Midili is a rough competitor whose quest for the finest in competitive rifles, bullets and optics has found him in constant correspondence with all of our leading accuracy manufacturers.

Giorgio Tinarelli is an engineer, machinist and gunsmith of the highest order. He is president of G. T. & Co. which manufactures Benchrest rifles for the Italian bench shooters. Using an action of his own design and barrels of the finest American suppliers he puts good rifles on the line. He is one of the best shots in the organization.

Bruno Muzzani is a knowledgeable gun buff, demanding perfectionist and gun writer for Diana Arms and others. He is a long time shooter with lots of wind and mirage savy.

Giorgio and Bruno are to the Italian game what Warren Page and Mike Walker have been to the American version, the technician and the writer, working hand in hand to improve the sport.

Whenever these men compete the spirit is hot and the scores are close as revealed in this report.

The benches at Codogno, Italy are four in number. Expansion is anticipated as the sport grows.

Conditions for the two day event were fair with average mirage present. In spite of average weather the spirit of the event was quite good and the following shooters posted victories.

In Light Varmint Giorgio Tinarelli took the top spot with a .3480 aggregate. Listed in milimeters it is 9.66. Bruno Muzzani was second with .3779 (10.49 mm and Albert Midili captured third with .3869 (10.74 mm).

This match reporting in mm is the first occasion we have had to see aggregates listed with metric designations. Even the little ones look big in number. Perhaps this will be the way all shoot reports will be given in time.

Heavy Varmint found Bruno Muzzani winning with a .2977 (8.27 mm). Alberto Midili was second with .3315 (9.21 mm) and G. F. Manfredini won third spot with .3542 (9.84 mm).

At the completion of the two day event Giorgio Tinarelli was the 100 meter Light Varmint champion with a .2833 aggregate (7.87 mm), followed at the 200 meter line by Bruno Muzzani with .3633 (10.86 mm).

Heavy Varmint honors went to Bruno Muzzani at 100 meters with .2422 (6.73 mm). Bruno also captured the 200 meter title with .3537 (9.82 mm).

In looking at the shoot report, in Italian, the following measurements indicate the national records of this relatively new shooting group.

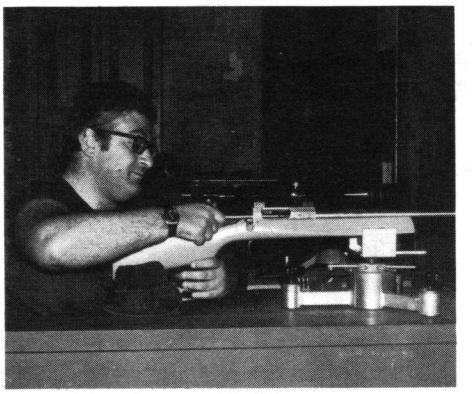
Light Varmint

5 shots 100 meters
5.15 mm ..... A. Midili
5 shots 200 meters
7.73 mm ..... B. Muzzani
100 meter aggregate
7.29 mm .2626 MOA ...G. Tinarelli
200 meter aggregate
8.80 mm .3169 MOA .....A. Midili
Grand Aggregate
8.34 mm .3003 MOA .....A. Midili

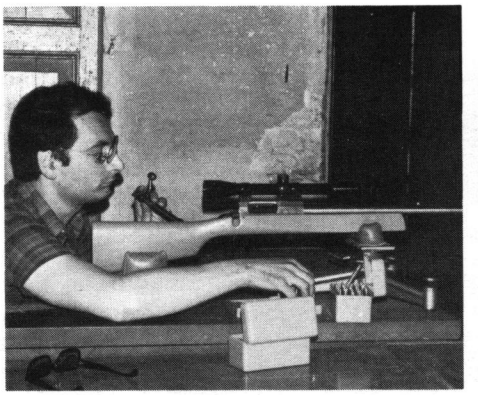
Heavy Varmint

5 shots 100 meters
4.11 mm ..... B. Muzzani
2 shots 200 meters
9.31 mm ..... B. Muzzani
100 meter aggregate
6.38 mm .2296 MOA .. B. Muzzani
200 meter aggregate
8.61 mm .3099 MOA .. B. Muzzani
Grand Aggregate
7.84 mm .2822 MOA .. B. Muzzani

From all indications the Italian Organization is doing well. May they continue to progress as time passes. We hope that you have enjoyed this match report. Perhaps we will be seeing more of them in the future.



Giorgio Tinarelli, who is the leading Italian Gunsmith, concentrates on details whether shooting or building rifles.

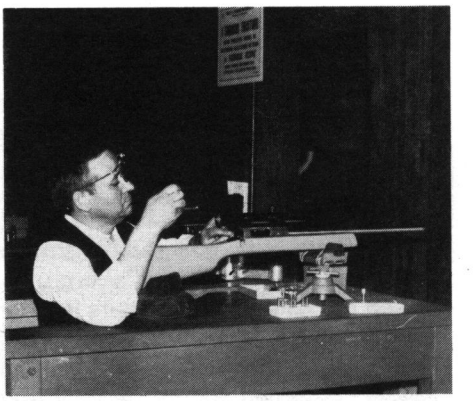


Alberto Midili shooting his rifle which was built by Giorgio Tinarelli for the Italian shooter.

COVER STORY

The composite cover for this month is designed to kick off your enthusiasm by showing people, places and things that you may be familiar with from shooting seasons past.

Hopefully those memories will get your preparations for match attendance in high gear as the weather warms and the new equipment begins to respond to your tinkering. We look forward to seeing you at one of the matches.



Bruno Muzzani holds most of the Italian records in this style of shooting. He also is the leading writer to promote the sport in that country.

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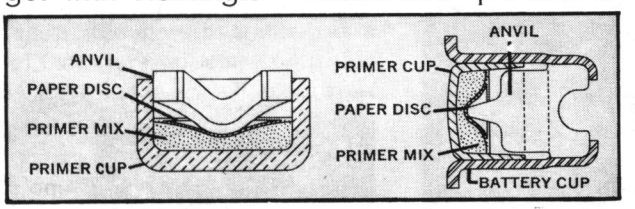

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THE 1975 QUEENSLAND VARMINT CHAMPIONSHIPS

. . . And a few thoughts about Australia — in retrospect

by Skip Gordon
342-2 Quaker Church Road
Dover, New Jersey 07801

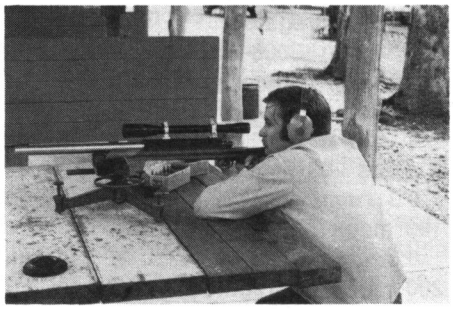
The Madden Range in Belmont, just outside of Brisbane, is, without question, the finest facility this author has ever seen. While the complex containers individual facilities for trap and skeet, 300 meter rifle, a combat course, and much, more more, my lead-off sentence was in reference to the brand new Benchrest Club House.

The ground floor contains a snack bar, storage areas, stat and registration facilities, rest rooms, and a large, enclosed reloading area. Upstairs is a bar, kitchen, and banquet hall, with the side facing the range completely glassed, for the convenience of those interested in watching. In good weather, which we enjoyed off and on ("minute by minute" might be more accurate), kibitzers can sit on a balcony overlooking the range. It is a first class plant, and one the Aussies are justifiably proud of.

As is the custom Down Under, things got underway on Saturday morning (November 15), with the Heavy Varmint stage. Chet Brown, he of the 'glass stocks, took the honors, with a .4666, easing in ahead of Ed Shilen's .4708. K. Edwards was the top Aussie, finishing with a .4726, good for third place.

Not impressed with those aggs? While it's **de rigueur** for all benchrest scribes to report that "conditions were horrendous" — in this case, they bloody well were! Bright sunlight was constantly being muted by a series of large, thick, puffy white clouds being driven by obviously strong winds, and the consequent light changes were devilish hard to compensate for. Even more of a problem, however, were the intermittent squalls that charged across the range. It would be sunny, then grow dark; the wind would rise, and looking down range one would see a wall of water being driven toward him. It would all be over in a minute or three and the sun would return to start drawing off the moisture — and that's called mirage.

So don't think too poorly of those high 4's.

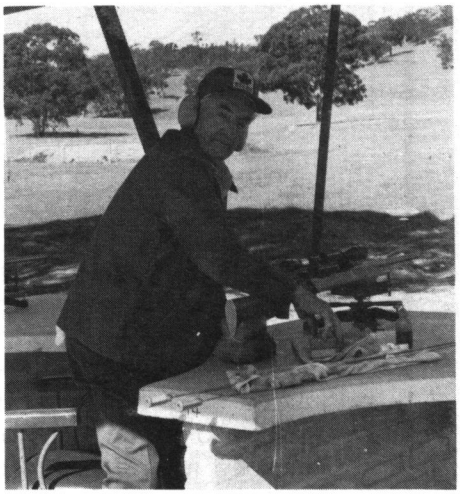


Nev Madden, at the bench, in Brisbane. Nev's PSE Company has built a series of winning rifles, and Nev added the Bob Hart Memorial Trophy to his collection.

At 200 yards, the Aussies decided that enough was really quite enough, and proceeded to clean house. Nev Madden, possibly Australia's premier benchrest gunsmith, and son of the late Harry Madden, took the gold, with a .5558. He was followed by Mike Gibbon, Sr. (.5772), Johnny Giles (.5932), Mike Gibbon, Jr. (.5944), P. Nesbitt (.6062), and H. McKee (.6280). Top Yank was Lee Six, whose .6360 was good for 7th.

The Grand went to Nev, with his .5342, followed by Johnny Giles' .5350, and Mike Gibbon Jr.'s. .5439. Top visitor was Chet Brown, with a .6113.

The group who journeyed "down under" to participate in a very unique shooting experience. They are: (L to R) Ken Boyes-Qantas Airlines, Marge and Charlie Womack; Chet and Joyce Brown; Betty and Lee Six; Ed and Emily Shilen; Ruth and Scott Donaldson; Johanna and Skip Gordon; Jay and Neal Knox; Bill Minneman; and Jack Reynolds. It was a trip planned with only a single objective in mind — the enjoyment of shooting, and the satisfaction of sharing that joy with others. That it achieved that single aim is a credit to the people involved, American and Australian.



Charlie Womack, gimped-up with a bad leg, still put it all together at Brisbane.

Ian Coombs, President of S.S.A.A., and a table full of silver, some of which came home with the happy visitors.

It might make good copy to write about the "grim determination" with which the American returned to the range, on Sunday morning; about how they "were determined to avenge their less than outstanding performance" of the day before. It just wouldn't be true, however. What we **did** return to the range with was **enthusiasm,** great good spirits, and a whole passel of fun memories from the previous **night's** partying. In truth, my impression was that everyone, Aussies and Yanks, were having too good a time to grow "fiercely competitive."

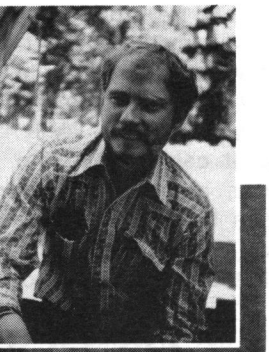
The 100 Yard Light Varmint was the occasion of an extremely popular win. Charlie Womack, proudly wearing his maple leaf shooting cap, proceeded to prove there's benchrest talent in Canada, too. His .3992 aggregate was the closest thing to a run away victory anyone enjoyed during the entire Australian trip, putting him comfortably ahead of Ann Brummell's .4684, and Chet Brown's .4784. Charlie had been "hurtin' kinda bad" for almost a week — a sore leg — and his win made the aches just a little more bearable. (As a matter of fact, he even lost a bit of the limp that had made us all feed sympathy pains).

Chet Brown was finding Queensland very much to his liking. At 200 yards, under the same conditions that tor-

The clubhouse at Brisbane. Note the upstairs porch for observing the match.

Hornady Bulletin Board

Three Hornady Bullets ...Three Dead Coyotes



"I knew a coyote had been sunning himself in a field near my home. After three unproductive stands, I finally spotted him skirting a pond. When a clear shot presented itself, I fired with my Model 70 (22/250), making a 1-shot kill at about 100 yards. This scared two more coyotes out of the cattails and my second shot downed one of them. I fired twice at the second coyote and thought I'd missed ...but when I walked up to where I'd last seen him, I found him dead with a hit in the lungs...another 1-shot kill! I was using a 22 caliber 60 grain Hornady Hollow Point backed by 34.5 grains of H-380 in my Model 70."

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Carl Thomas Zmuda

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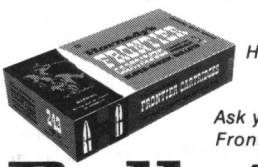

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mented us all day Saturday, he and Bill Minneman got together in a real cat fight. When it was all over, the Californian posted a .5650, bettering Bill's .5652 by a scant .0002! Like I said, it was a cat fight. The next 3 places went to Aussie shooters: Nev Madden (.5830), Tom Brummell (.6282), Ron Marsden (.6311).

In the Grand, Nev beat out Chet Brown, .5564 to .5665. Bill Minneman and Lee Six **tied** for third place, (.6311), and Ann Brummell was in fifth, with a .6404. Nev, of course, received the Robert W. Hart Memorial Trophy, donated by Bob's son, Wally.

And so it came to an end, several hours later, at an awards ceremony, following a buffet dinner attended by more than 100 people — an adventure none of those present would ever forget.

We will not presume to speak for those who accompanied the writer to Austrailia, except to say we are pretty confident they all had a wonderful trip. But I **will** say something **about** them. They were, without question, the finest travelling companions one could hope for, always willing to help, and never complaining. As one who has led many, many "tour groups", I recognize the near-inevitability of at least one "bad apple" in **any** group — no matter what the size — but these benchrest shooters were a wondrous surprize. They were, without exception, super . . . all 15 of them.

Because the trip was the first-ever shoulder to shoulder competition between shooters from the two countries, it might be appropriate to put their names in print, for the record: Joyce and Chet Brown; Ruth and Scott Donaldson; Jay and Neal Knox; Bill Minneman; Jack Reynolds; Emily and Ed Shilen; Betty and Lee Six; Marge and Charlie Womack; and, of course, Johanna Gordon.

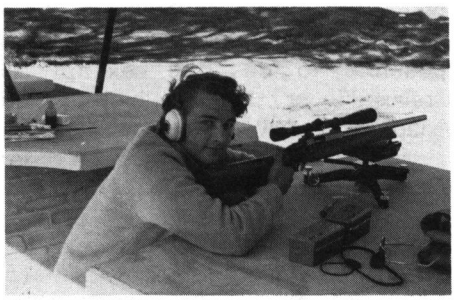
Those of you who've waded through the verbiage we've contributed, concerned with the trip, probably have a pretty clear picture of how the visitors reacted to Australia, and the Australians. But what was **their** reaction? The following are quotes from just a few of the letters received, since returning:

"the American shooters' trip out here was probably the biggest thing to happen to our benchrest shooting . . . ."

Jack Shelley, Melbourne

" . . . nothing could have done more for the future of benchrest shooting in Australia."

Carrie Elton, Collaroy



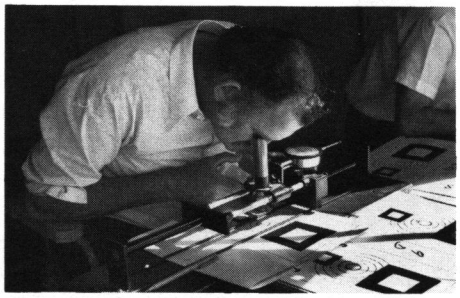
Mike Valentine was top Aussie, in L.V., at Canberra, as reported in a previous issue of Precision Shooting.

". . . your visit can do nothing else but good for shooting here in Australia."

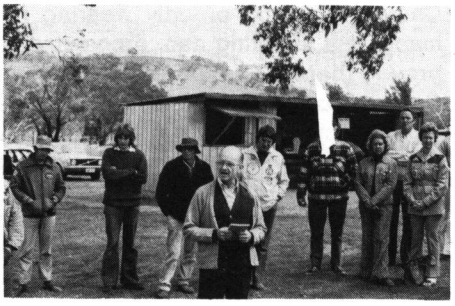
Ray Stone, Adelaide

The above are typical sentiments expressed in over a dozen letters received. Needless to say, each and every one of them is something very important to the writer — and something every one of those other fifteen travelers should take pride in.

The unquestioned success of the Australian trip is testimony to the fellowship of shooters, and a perfect example of what **all** benchrest should be; i.e. an occasion for enjoyment. In



Max Coady measures targets at Canberra.



The late Harry Madden "giving the word" at the shooters' meeting in Canberra, where he served as Rangemaster.

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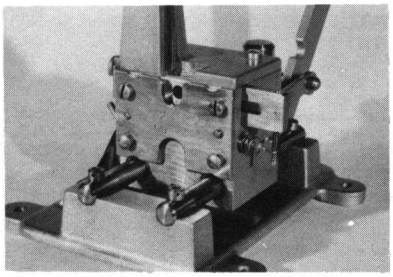

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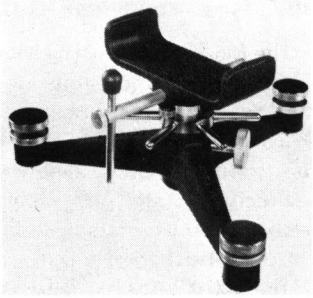

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both Brisbane and Canberra there existed an atmostphere virtually impossible to describe, except as "relaxed", or the equally inprecise "happy." Whatever — shooting was fun . . . smiles and laughter were the order of the day . . . **every** day!

The Australians admire and respect the Yanks, and are well informed in-so-far as benchrest activity in the States is concerned. (Both PRECISION SHOOTING, and RIFLE are widely read). The Aussies are looking forward to the day — and it won't be long, now — when they reach parity with the Yanks, especially in terms of equipment, and technical know-how. (Although accustomed to the legendary "openness" of benchresters, one could still be very proud of the pro's named Brown, and Shilen, and Six as they fielded questions tossed up by the Aussies). They, the Austrailians, do not understand the political in-fighting that seems to be part and parcel of benchrest in the States — but who the hell does?

In summary, the November trip bodes well for the future of our sport, as a viable international activity. It will prosper, and I'm speaking now of the sport, because of the appeal of, and excitement created by international competition. Those who take part in future matches held beyond our own shores, will profit personally from the exposure to new ideas — and will reap the rewards subsequent to new friendships.

There will, of course, be those who will never acknowledge the importance of "internationalizing" benchrest, and may even work actively against the development. Already we have heard of those who have been most generous in sharing their negativism, concerning the Australian trip.

We would only urge you to chat with those who were there.

EQUIPMENT AND COMPONENTS
TOP 10

Name	Cart.	Action	Scope	Barrel	Bullet	Primer	Load	
			Heavy Varmint					
N. Madden	.222	Slv.Rem.	Ly. 20X	McMillan	McC. 52	RWS	20.5	4198
J. Giles	.308	Slv.Rem.	Rem. 20X	McMillan	McC. 168	RWS	42.5	4895
M. Gibbon, Jr.	.308	Winch.	Rem. 20X	McMillan	McC 168	RWS	41.0	4895
P. Nesbitt	NO DATA AVAILABLE							
M. Gibbon, Sr.	.308	Winch.	Rem. 20X	McMillan	McC. 168	RWS	41.0	4895
M. Leisser	.222 1/2	Shilen	Un. 24X	Shilen	Rem. 52	Rem.	22.0	4198
C. Brown	.222	B'mstr.	Ly./Si.	Hart	Rem. 52	Rem.	26.3	4895
L. Six	.222	B'mstr	Ly. Si.	Hart	Shilen 52	Rem.	26.3	4895
H. McKee	.308	McKee	Rem. 20X	McMillan	Si. 168	Rem.	39.0	4790
Ed Shilen	.222 1/2	Shilen	Ly./Si.	Shilen	Shilen 52	CCI	25.0	4895
			Light Varmint					
C. Brown	.222	Shilen	Ly./Si.	Shilen	Shilen 52	Rem.	27.0	4895
A. Brummell	6x47	Slv.Rem.	Ly. 20X	McMillan	McC. 70	RWS	23.5	4198
N. Madden	.222	Slv.Rem.	Ly. 20X	McMillan	McC. 53	RWS	20.5	4198
B. Minneman	6x42	Rem.	Ly. 30X	Shilen	Detsch		27.0	4198
T. Brummell	6x47	Rem.	Ly. 20X	McMillan	McC. 70	RWS	23.5	4198
P. Sullivan	.222	Sako	Red. 24X	Hart	Rem. 52	Rem.	20.5	4198
C. Terris	.222	Rem.	Ly. 20X	McMillan	C.R.T.	Rem.	26.0	748
K. Edwards	.222	Rem.	Ly. 20X	Hart	Rem. 52	Rem.	20.5	4198
L. Six	.222	Shilen	Ly. 30X	Shilen	Shilen 52	Rem.	27.0	4895
M. Valentine	.222	Rem.	Ly. 20X	McMillan	Nosler 52	Rem.	26.0	748

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IBS POSTAL MATCH REPORT, 1975

AUSTRALIAN BILL MARDEN, JR.
FIRED A GRAND AGG. OF .3066 TO
LEAD ALL POSTAL MATCH WINNERS.

The data for the 1974 International Postal Matches has finally been completed and we find Australia soundly defeating all comers in the Benchrest Class.

Team placement was as follows:

Benchrest

AUSTRALIA ..... .4031
U.S.A. ..... .4773
CANADA ..... .5598

Heavy Varmint

U.S.A. ..... .3894
AUSTRALIA ..... .4192
CANADA ..... .4743

Light Varmint

U.S.A. ..... .3471
AUSTRALIA ..... .4835
CANADA ..... .5338

The Australian Benchrest team fired some very impressive aggregates with Bill Marden, Jr. pacing his team members with a .3066 grand. Second on the Australian team was gunsmith Ron Marsden with a .3523 followed closely by Dave Billinghurst at .3691.

The Heavy Varmint team title went to the U.S.A. with Jim Stekl leading his fellow teammates with a grand aggregate of .3245.

The Light Varmint team title also went to the U.S.A. with Fred Sinclair leading the pack with a .3319.

Of course, the weather factor is to be considered when viewing the scores and from the competing countries it appeared that Australia and the U.S.A. had favorable conditions and the Canadian team had less than desirable conditions to fire in.

The U.S.A. teams were selected from the top shooters at the I.B.S. Varmint and Sporter Championships and the Benchrest Rifle Championships. The other countries select their teams in a similar manner.

Individual team and member scores are as follows:

BENCHREST RIFLE

Australia 1st

B. Marden ..... .3066
R. Marsden ..... .3523
D. Billinghurst ..... .3691
L. Vesty ..... .4745
J. Shelley ..... .5132

U.S.A. 2nd

C. Lynn ..... .4420
W. Tardy ..... .4601
E. Pazienza ..... .4918
G. Etter ..... .4945
P. Kempfer ..... .4960

Canada 3rd

A. King ..... .5085
B. Brown ..... .5240
G. Fields ..... .5367
C. Dirks ..... .5843
R. Renn ..... .6453

HEAVY VARMINT

U.S.A. 1st

J. Stekl ..... .3245
F. Bonter ..... .4024
J. Yanosey ..... .4039
P. Jones ..... .4074
R.W. Hart ..... .4089

Australia 2nd

R. Marsden ..... .3827
T. Brummell ..... .4070
D. Billinghurst ..... .4208
J. Giles ..... .4384
K. Edwards ..... .4473

Canada 3rd

T. McCracken ..... .4406
C. Womack ..... .4760
A. Forslund ..... .4780
L. Ciesbrecht ..... .4868
R. Gale ..... .4902

LIGHT VARMINT

U.S.A. 1st

F. Sinclair ..... .3319
P. Morton ..... .3349
P.J. Hart ..... .3479
T. Metzger ..... .3548
W. Page ..... .3660

Australia 2nd

T. Brommell ..... .4450
D. Billinghurst ..... .4883
J. Neville ..... .4912
A. Brommell ..... .4915
J. Giles ..... .5013

Canada 3rd

A. Bourne ..... .5129
N. Uno ..... .5247
R. Gale ..... .5294
B. Forslund ..... .5333
C. Dirks ..... .5687

Although there is not a 3 gun award in the Postal competition, one point of interest is the consistant performance of Australia's Dave Billinghurst.

As we all know it's a real test of a shooter to fire all three classes of rifles with the consistency that Dave did. I expect we will be hearing more about Dave's shooting in future Postal Matches.

The following equipment data has been listed by class and country.

It shows the wide variety of equipment used by the competitors and points out the fact that bench shooting has become an International affair which is here to stay.

EQUIPMENT DATA BENCHREST RIFLE

Name	Cal.	Action	Barrel	Scope	Powder	Bullet	Gunsmith
Australia							
W. Marden, Jr.	222	Rem. 700	Douglas	Marden 20	21-4198	Sierra 52HP	Marden
R. Marsden	222x45	Rem. 700	Douglas	Lyman 25	23.5-4740	Rem. 52HP	Marden
D. Billinghurst	222x45	Rem. 700	Douglas	Lyman 25	23.5-4740	Rem. 52HP	Marden
L. Vesty	222	BR72 Vesty	Shilen	Weaver 12	-- 4198	Sierra 53HP	Millan
J. Shelley	22x47 Siv.	M98	Hart	Redfield	-- 4895	Rem.	Sivyer
U.S.A.							
C. Lynn	6x47	Hart	Hart	Unertl 32	29.5-748	Detsch 70	Hart
W. Tardy	308	Hart	Hart	Unertl 24	41.5-4895	Sierra 168	Hart
E. Pazienza	222	700 Slv.	Hart	Lyman 20	24.5-H335	Rem. 52	C.&P Hart
G. Etter	30x45	Kertes	Garrot	Unertl 30	——	168	Kertes
P. Kempfer	222	Rem. Slv.	Hart	Lyman 20	20.8-RL7	Detsch	Kempfer
Canada							
A. King	308	Hart	Hart	Unertl 20	39.1-380	McC. 168	Hart
B. Brown	308	Rem.	Shilen	Redfield 20	41-4895	Sierra 168	Uno
G. Fields	308	Rem.	Hart	Redfield	44.8-4895	Sierra 168	Hart
C. Dirks	222	Hart	Hart	Lyman 20	21-4198	McC. 51	Hart
R. Renn	222	XP100	Hart	Lyman	25.5-748	Renn. 51	Hart

EQUIPMENT DATA

LIGHT VARMINT 10 1/2 lb.

Name	Cal.	Action	Barrel	Scope	Powder	Bullet	Gunsmith
U.S.A.							
F. Sinclair	6x47	Hart	Hart	Ly. 20	25-RL7	Metz.70	Freund
P. Morton	223x35	XP100slv.	McMillan	Ly.Si. 30	22.3-RL7	Simon 51	Freund
P.J. Hart	6x47	600 slv	Hart	Ly. 20	28.5-N203	Detsch	C.&P Hart
T. Metzger	223x35	XP100	Hart	Ly-Si. 30	22-RL7	Simon. 51	Freund
W. Page	6x47	Rem.	Rem.	Rem.24	23.5-4198	Detsch 70	Walker
Australia							
T. Brummell	6x47	Rem.40X	McMillan	Rem. 20	23.5-4198	Detsch 70	P.S.E.Co.
D. Billinghurst	222	Rem.660	McMillan	Lyman20	24-748	Rem.52HP	R.T.M.
J. Neville	222	Rem.40X	Rem.	Lyman 20	21.5-3031	Sie. 52	Rem.
A. Brummell	6x47	Rem.40X	McMillan	Rem.20	23.5-4198	Detsch 70	P.S.E.Co.
J. Giles	6x47	Rem.700	McMillan	Lyman 20	23.5-4198	McC. 70	PS.E.Co.
Canada							
A. Bourne	6x47	Sako	Shilen	Lyman 20	28.5-748	McC. 70	Self
N. Uno	6x47	Rem.	Shilen	Lyman 20	26.8-4895	McC. 70	Self
R. Gale	6x47	Rem.722	Hart	Lyman 20	24-4198	McC. 70	Snider
B. Forsland	6x47	Rem.	Hart	Leu.-Si. 24	24.5-4895	McC. 70	Self
C. Dirks	6x47	Rem.	Rem.	Unertl 20	23.5-4198	McC. 70	Rem.

EQUIPMENT DATA

Heavy Varmint 13 1/2 lb.

Name	Cal.	Action	Barrel	Scope	Powder	Bullet	Gunsmith
U.S.A.							
J. Stekl	222	40XBBR	Rem.	Unertl 24	24.5-4895	Rem. 52	Rem.
F. Bonter	222	40X	Hart	Lyman 20	22-RL7	Own 50.4	Self
J. Yanosey	6x47	1A	Hart	Lyman 20	23-4198	Detsch	Hart
P. Jones	222	Hart 1A	Garrott	Red.20	20.5-4198	Rem. 52	Pindell
	308	Hart 1A	Hart	Red. 20	39-3031	Sie. 168	Pindell
R.W. Hart	222M	Hart 1A	Hart	Ly-Si. 30	23.5-4198	Rem. 52	R.Hart
Australia							
R. Marsden	222	Rem. 700	Hart	Rem. 20	24-748	Rem. 52HP	R.T.M.
T. Brummell	222	Rem. 600	McMillan	Unertl 20	20.5-4198	Rem. 52HP	P.S.E.Co.
	6x47	Rem. 40X	McMillan	Rem. 20	23.5-4198	Detsch 70	P.S.E.Co.
D. Billinghurst	222	Rem. 700	McMillan	Rem. 20	24-748	Rem. 52HP	R.T.M.
J. Giles	308	Rem. 700	McMillan	Rem. 20	40-3031	McC. 168	P.S.E.Co.
K. Edwards	222	Rem. 700	Douglas	Rem. 20	24.5-4740	Rem. 52HP	Marden
Canada							
T. McCracken	222	FN	Hart	Unertl 20	20-4198	McC. 53	Elliot
C. Womack	222M	Rem.	McMillan	Ly-Sieb. 20	28-748	McC. 53	Sietz
	222M	Hart	Hart	Red. 24	26.6-4895	McC. 53	Hart
A. Forsland	6x47	Rem.	Hart	Leu-Sieb 24	24.5-4895	McC. 70 70	Self
	22	Rem.	McMillan	Leu-Sieb.; 24	23.5-4895	Own	Self
L. Giesbrecht	222	Rem.	Hart	Ly. 20	20.2-4198	Sie. 53	Uno
R. Gale	6x47	722	Hart	Ly. 20	29-748	McC. 70	Snider

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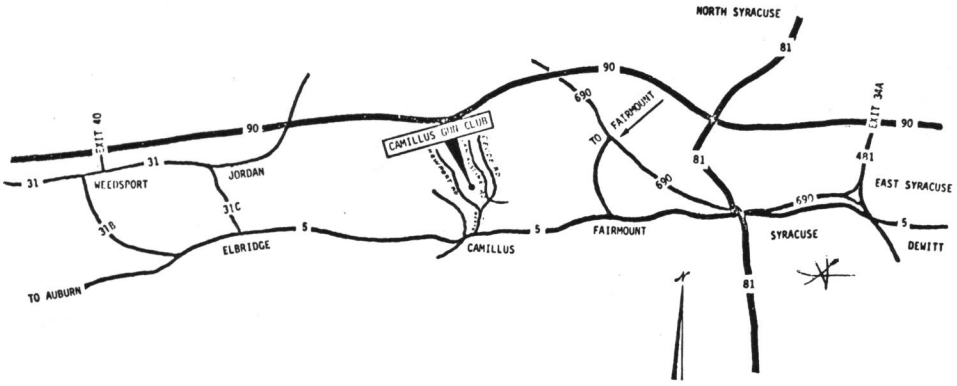
Range Map and Directions Camillus Sportsmen's Club

Hank Gonnella Sr., I.B.S. Director, 420 Hawley Ave., Syracuse, N.Y., 13203 has sent along the following map and motel listing so that shooters can find the club for the May 29 and 30 registered match. Anyone needing further information may contact Hank at the address above or call him at 315-474-1746.



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Camillus Sportsmen's Club
Camillus, N.Y.

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Go to the center of Camillus on Rt. 5, turn at bank onto DeVoe Rd. to Club house sign. Make left down dirt road about one mile. Club phone — Tel. AC 315-672-8866.

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Thruway Exit 36 and Interstate 81
120 Rooms, Restaurant and Bar
Tel. AC 315-457-4000

RAMADA INN
1305 Buckley Rd., No. Syracuse, N.Y. 13212
Thruway Exit 36 and Interstate 81
140 Rooms, Restaurant and Bar
Tel. AC 315-457-8670

HILTON COUNTRY HOUSE
1308 Buckley Rd. No. Syracuse, N.Y. 13212
Thruway Exit 36 and Interstate 81
150 Rooms, Restaurant and Bar
Tel. AC 315-451-1212

HOLIDAY INN
690 Farrell Rd. Syracuse, N.Y. 13201
Thruway Exit 39 and Interstate 690
108 Rooms, Restaurant and Bar
Tel. AC 315-457-8700

SHERATON MOTOR INN
7th No. St. at Electronics Pkwy. Liverpool, N.Y. 13088
Thruway Exit 37 and Electronics Pkwy.
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COUNTRY INN MOTEL
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Thruway Exit 39 Left on Interstate 690 1/4 mile
10 Rooms, Restaurant and Bar
Tel. AC 315-635-5474

SOUTH CREEK ROD & GUN CLUB WINTER MATCH REPORT February 29, 1976

Match 1

1. Ned Hosey ..... .230
2. Ed Carolin ..... .284
3. Ritchie Moorhead ..... .311
4. George Stickler ..... .329

Match 2

1. Paul Lloyd ..... .291
2. Art Blensinger ..... .210
3. Dick Otis ..... .341
4. Fred Kurtz ..... .370

Match 3

1. Ray Wilson ..... .202
2. Jack Matyas ..... .258
3. Frank James ..... .272
4. B. Bertollini ..... .289

Match 4

1. Dick Otis ..... .239
2. Wally Hart ..... .244
3. Art Blensinger ..... .249
4. Clyde Hart ..... .251

Match 5

1. Don Hasbrook ..... .279
2. Ross Weaver ..... .290
3. B. Williams ..... .297
4. Paul Thompson ..... .298

Grand Aggregate

1. Dick Otis ..... .3668
2. Art Blensinger ..... .3786
3. Paul Thompson ..... .3912
4. George Stickler ..... .4290

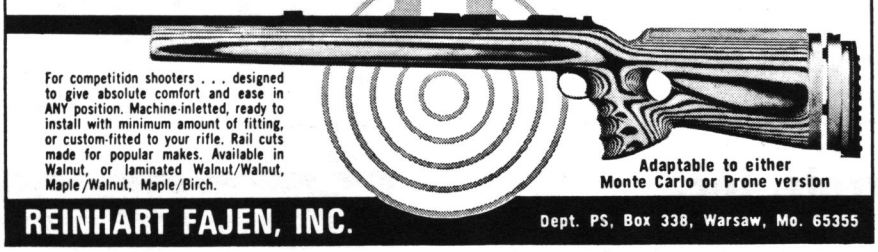
Leaders First Five Matches

1. Jack Deming ..... .4958
2. Jerry Guilds ..... .4964
3. George Stickler ..... .5310
4. Fred Kurtz ..... .5484
5. Judy Deming ..... .5588
6. Floyd Stohner ..... .5662
7. Stanley Bombaski ..... .5686
8. Elliot Buffard ..... .5717
9. Ritchie Moorhead ..... .5736
10. Benton McConnell ..... .5798

There were 54 shooters, plus 3 juniors, for a total of 57 shooters. There were 21 shooters that have shot all 5 matches. The top 10 are listed. Warm-ups were not measured.

George Stickler, Secretary

FAJEN'S THUMBHOLE FREE STYLE



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IBS INTERNATIONAL RECORDS — — —
As of January 1st, 1976

SINGLE GROUPS	EXPERIMENTAL	HEAVY BENCH REST RIFLES	HEAVY VARMINT	LIGHT VARMINT	SPORTER	3 GUN SPORTER & VARMINT AGGREGATE
5-100		.063" Zeiser 8/30/58	.0816" T.J. Jackson 5/27/74	**.077 C. Fountaine 9/20/75**	.077" E. Thompson 8/30/73	
5-200		.161" D. Pickens 7/15/67	.192" Gillman 6/24/64	.236" F. James 8/7/69	.259" L. Hunt 7/5/69	
5-300 Meter		.605" Gottschall 5/9/65	.787" Bassett 10/6/68	.887" D. Hall 5/30/69	.817" D. Kiel 5/30/69	
5-300 Yard			.541" R. White 9/1/74			
10-100		.138" F. Pindell 8/27/69				
10-200		.298" Miller 7/20/68				
10-300 Meter		.918" Rinehart 8/30/57				
10-300 Yard	.813" J. Reynolds 9/1/74	.900" A. Cupo 9/1/74				
AGGREGATES — MOA						
5-5-100		.1852 Berger 9/24/66	.2134" W. Berger 5/27/74	**.2390 M.H. Walker 9/20/75**	.2306 Deming 8/19/73	
5-5-200		.2290 Engelbrecht 11/4/67	.2505 D. McIlwain 10/10/71	**.2583 J. Fry 10/12/74**	**.2966 J. Fry 10/12/74**	
5-5-300 Meter		.3547 Demoise 5/14/66	.4640 Mick 5/7/67	.5527 T. Seitz 6/22/68	.4898 W. Dunn 5/30/69	
5-5-300 Yard			.4043 R. Moorhead 9/1/74			
5-10-100		.2278 Cornelison 10/22/66				
5-10-200		.2496 E. Walker 8/11/62				
5-10-300 Meter		.5105 A. Angerman 6/1/69				
5-10-300 Yard						
GRAND AGGREGATES — MOA						
5-5 (100 plus 200)		.2275 Carden 11/4/67	.2491 Suchan 6/26/65	.2810 Suchan 5/13/67	.3102 J. Deming 8/19/73	**.3103 J. Fry 10/12-13/74**
5-5 (200 yard plus 300) Meter		.3639 P. Gottschall 5/9/65	.4703 Kiel 10/6/68	.5000 T. Seitz 6/22/68	.5469 W. Dunn 5/30/69	
5-5 (200 plus 300) Yard			.4383 R. Moorhead 8/31-9/1/74			
5-10 (100 plus 200)		.2563 Roberts 8/11/62				
5-10 (200 Yard plus 300) Meter		.4627 A. Angerman 6/1/69				
5-10 (200 + 300) Yard						

HUNTER SCORES			
5-5 (100)	250-16x Guy Green 9/16/72	1,000 Yd. Benchrest **10 SHOTS 1,000 YD.**	10.062" R. Guinther 8/27/72

Single Shot Rifles

Claude E. Roderick
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Mixtures for RODERICK's BULLET LUBRICANT FORMULAS

FORMULA No. 1 (HARD for use when weather temperature is 80°F. and above)

Approx. 1-lb. mixture:

50% Pure Beeswax	8 ozs.	(3500 grs.)
40% Pure Mutton Tallow	6-1/4 ozs.	(2734 grs.)
10% Mobil 600W Steam Cylinder Oil	1-3/4 oz.	(766 grs.)

Approx. 1/2-lb. mixture:

50% Pure Beeswax	4 ozs.	(1750 grs.)
40% Pure Mutton Tallow	3-1/8 ozs.	(1367 grs.)
10% Mobil 600W Steam Cylinder Oil	7/8 oz.	(383 grs.)

FORMULA No. 2 (MEDIUM for use when weather temp. is 55 to 80°F.)

Approx. 1-lb. mixture:

40% Pure Beeswax	6-1/4 ozs.	(2734 grs.)
50% Pure Mutton Tallow	8 ozs.	(3500 grs.)
10% Mobil 600W Steam Cylinder Oil	1-3/4 ozs.	(766 grs.)

Approx. 1/2-lb. mixture:

40% Pure Beeswax	3-1/8 ozs.	(1367 grs.)
50% Pure Mutton Tallow	4 ozs.	(1750 grs.)
10% Mobil 600W Steam Cylinder Oil	7/8 oz.	(383 grs.)

FORMULA No. 3 (SOFT for use when weather temp. is below 55°F.)

Approx. 1-lb. mixture:

30% Pure Beeswax	4-7/8 ozs.	(2033 grs.)
60% Pure Mutton Tallow	9-5/8 ozs.	(4210 grs.)
10% Mobil 600W Steam Cylinder Oil	1-3/4 ozs.	(766 grs.)

Approx. 1/2-lb. mixture:

30% Pure Beeswax	2-1/2 ozs.	(1094 grs.)
60% Pure Mutton Tallow	4-7/8 ozs.	(2033 grs.)
10% Mobil 600W Steam Cylinder Oil	7/8 oz.	(383 grs)

Avoid mixing too large a batch at a time. A 1/2-pound mixture is a two year supply for the average shooter. Keep it in air tight storage at all times.

Prepare the mixture in a couple tin cans, one inside the other, and the outer one filled about one-third with water. Melt the beeswax first and when it is fully melted put in the tallow and cylinder oil stirring thoroughly, and KEEP ON STIRRING until lubricant is chilled under cold water facet, or in ice water. This is to keep heavier ingredients from settling to the bottom.

Shoot freshly lubricated bullets — not over two weeks old; then only if they have been kept wrapped up air tight. Shooting freshly lubricated bullets, and using **ANY** lube mixture at the temperature that it was compounded for, is a **MUST!** I have seen this fact demonstrated many times on our local range. If your bullets have the harder lube on them they can usually be used in a cooler temperature by putting softer lube on them with a grease pump or uniformly smearing the softer lube on with your fingers. If you use the pie pan method of lubricating your bullets, wrap air tight and leave them in the pan until ready to use.

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Eleventh Annual MONETT RIFLE CLUB's SINGLE SHOT RIFLE (Shoulder-to-shoulder) SHOOTING MATCHES to be held at Monett, Missouri June 26 and 27, 1976

REGISTRATION FEE — $2.00 all contestants.
ENTRY FEES — $1.00. RE-ENTRY MATCHES 50 cents.
NO ENTRY FEES on AGGREGATE or CHAMPIONSHIP MATCHES

ANY CENTER FIRE CALIBER SINGLE SHOT RIFLE AS DEFINED BY THE ASSRA RULES:

Match	Range	Pos.	Sights	Shots	Target	For	Prizes
1	50 Yds.	Bench	Any	10	50 Yd. 25-ring	Score	3 medals
2	100 Yds.	Bench	Any	10	100 Yd. 25-ring	Score	3 medals
3 Re-E.	100 Yds.	Bench	Any	5	Group	Group	3 medals
4 Re-E.	10 Yds.	Off-Hand	Any	5	100 Yd. 25-ring	Score Score	3 medals

5 — CENTER FIRE AGGREGATE — Total of the scores fired in Match 1 and 2.
WINNER: RODERICK perpetual trophy and a Gold medal.

.22 RIM FIRE CALIBER ONLY SINGLE SHOT RIFLE as defined by the ASSRA Rules:

6	50 Yds.	Bench	Any	10	50 Yd. 25-ring	Score	3 medals
7	100 Yds.	Bench	Any	10	100 Yd. 25-ring	Score	3 medals
8Re-E.	50 Yds.	Bench	Any	5	Group	Group	3 medals
9 Re-E.	50 Yds.	Off-Hand	Any	10	50 Yd. 2 bull 25-R	Score	3 medals

10 — .22 RIM FIRE AGGREGATE — Total of the scores fired in Matches 6 and 7.
WINNER: PAUL HOLLAND perpetual trophy and a Gold medal.

11 — BENCH REST CHAMPION — Total of the scores from matches 5 in CENTER FIRE, and match 10 in .22 RIM FIRE constitutes this match.
WINNER: BOB SCOTT perpetual trophy and a Gold medal.

12 — OFF-HAND CHAMPION — Competitor having highest total score from matches 4 in CENTER FIRE, and 9 in .22 RIM FIRE will be the winner.
WINNER: JOHN R. LEWIS perpetual trophy and a Gold medal.

The American Single Shot Rifle Association Rules will govern these matches EXCEPT in .22 RIM FIRE SCORE MATCHES the edge of the bullet hole will be used in scoring.

IMPORTANT — PLEASE READ: Relays will run for 45-minutes in which time you will fire ALL SIGHTING and RECORD shots of a single match. No competitor will be allowed to finish up a match in the following or later relay. At the end of each relay the competitor will remove ALL TARGETS (INCLUDING SIGHTERS — PLEASE!!) from his target frame, fill in name and data called for on his record targets and promptly turn them in for scoring — THIS HELPS OUR SCOREKEEPERS keep up-to-date with scoring and posting.

Record firing 8:00 a.m. to 6:00 p.m, cease 2:00 p.m. Sunday. Any targets fired outside of these hours will be disqualified. A SIGHTER TARGET will be **issued ONLY with your record targets.** No "PRACTICE" targets will be issued during record firing hours.

COMPETITORS WILL RUN THEIR OWN TARGETS. DO NOT BRING BENCHES. We have 22 permanent benches under a covered firing line. If you do not plan to shoot in the next relay **PLEASE** so advise the Range Officer so that he may assign your bench to some waiting competitor. Sharing benches with other shooters will help us a WHOLE lot. Trailer electric hookups, and "chick sales" at the range — NO WATER.

RANGE will be open Friday afternoon for practice ONLY! It is located 3-3/4 miles northeast of Monett. Locate 9th Street (east part town running north and south) and go one mile north of the High School on 9th Street Road, turn right 2-3/4 miles east to the range. For further details, or motel reservations contact:

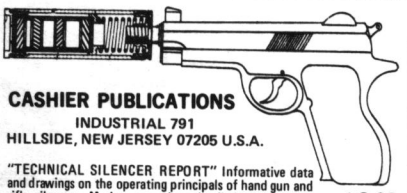
Claude E. Roderick, Sec.-Treasurer,
509 Fifth Street, Monett, Mo. 65708.
Telephone 417-235-7100.

---

suddenly starts to flying wild, stop and "mine" your lead in the bore with a real good cleaning, or mercury treatment. Note what lube you are using on the bullets and the weather temperature. Lube on bullets should feel soft and a little tacky to the touch. You can get by fairly well by using soft lube in warmer temperatures but don't try to use hard lube in colder temperatures. DON'T underestimate the **IMPORTANCE** of fitting a lube mixture (ANY lube mixture) to the temp.

To fill my grease pumps, I put a bullet in the die and take a small amount of lube in a can and melt, stir, and then pour it into the pump — this avoids getting air in pump.

SILENCER CONSTRUCTION PLANS



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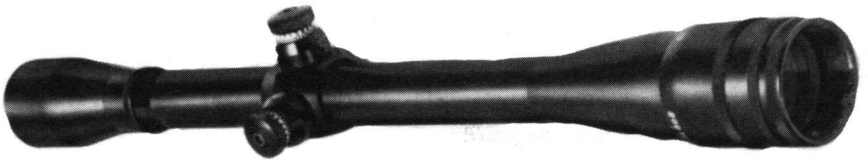

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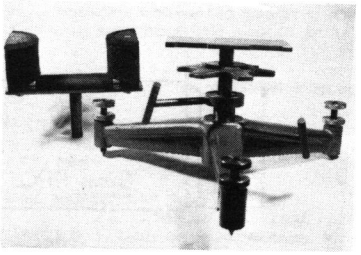

PLUS: Sierra Bullet Jackets in benchrest calibers available for immediate delivery. Jackets not in stock available on order. New Remington 22 cal. BR bullets (52 grain) in stock. Hart Sizing Dies & Bullet Seaters made to order — no wildcats.
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MORE ON THE P.P.C.

As time passes the PPC becomes more familiar to the shooters who take time to read these pages. Interest in this new cartridge is growing at a rapid and widespread rate as the performance and uniqueness of this combination becomes known.

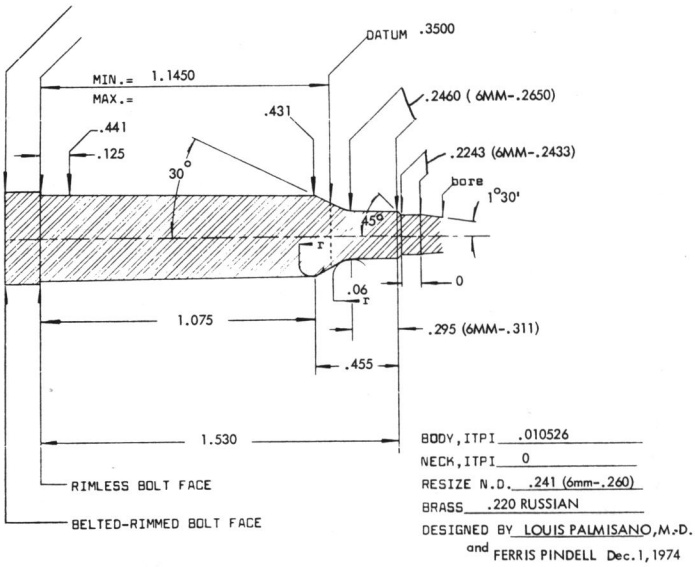
It has been our desire to keep you posted on the developments as we receive them. Presented here for your information is a set of dimensions which reveal the chamber characteristics of the PPC case.

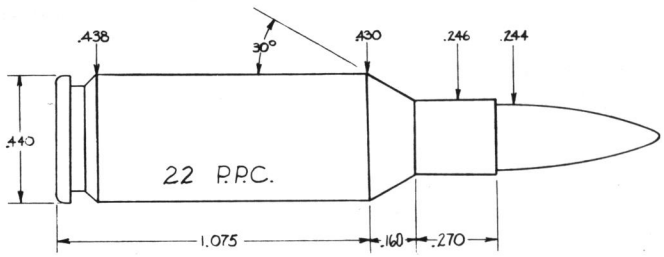
Realizing that anything successfull will be copied Dr. Lou Palmisano and Ferris Pindell feel it is imperative that the following drawing be used as a base on which to construct chambering reamers. They emphasize that they have tried many versions of this case and have found that this set of dimensions will produce the optimum result. All others were inadequate in some way.

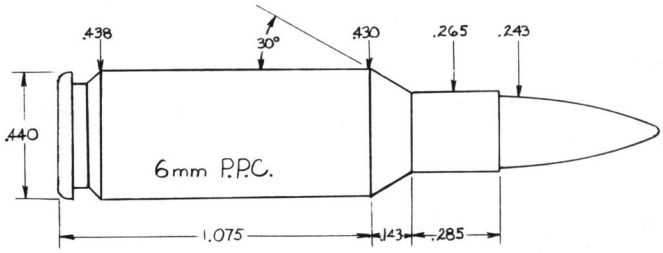
It is felt that the best results can be obtained by using this data as presented.

In addition, the dimensions of the loaded round for each cartridge are presented here. They make an interesting set. We hope that you enjoy reading about them.

MINIMUM CHAMBER DIMENSIONS, CALIBER: .22 P.P.C. and 6mm P.P.C.







UNREGISTERED WINTER MATCH RESULTS

mid-Carolina Rifle Club
Columbia, S.C.
Match 1 - Jan. 17, 1976

Club "Pro-AM" Match — HV Class (AM's — club members shooting in first benchrest match).

Name and Class	Agg.
1. F. Williams (pro)	.3698
2. M. Lucas (pro)	.4605
3. B. Long (pro)	.5030
4. M. Gilchrist (pro)	.5445
5. D. Andrews (am)	.5688
6. L. Waites (am)	.6040
7. S. Biering (am)	.6378
8. J. Karrenbrock (am)	.6615
9. A. Medlin (am)	.6775
10. J. Williams (pro)	.7483

Team Standings	Agg.
1. Williams/Karrenbrock	.5157
2. Lucas/Medlin	.5690
3. Long/Biering	.5704
4. Gilchrist/Waites	.5743
5. Williams/Andrews	.6586

Small Groups

Pro — F. Williams	.211
AM — J. Karrenbrock	.445

Match 2 Feb. 14, 1976
HV Class

Name	Group
W.U. H. Morgan	.224
1. H. Morgan	.377
2. L. Epting	.469
3. M. Lucas	.399
4. H. Morgan	.544
5. H. Morgan	.353

	Agg.
1. L. Epting	.5242
2. M. Lucas	.5252
3. F. Williams	.5444
4. H. Morgan	.6120
Small Group H. Morgan	.353

Match 3 March 16, 1976
HV Class

Name	Group
W.U. L. Epting	.209
1. F. Williams	.420
2. L. Epting	.310
3. F. Williams	.290
4. L. Epting	.397
5. E. Bumgardner	.309
Small Group F. Williams	.290

	Agg.
1. F. Williams	.4180
2. H. Morgan	.4606
3. E. Bumgardner	.5150
4. L. Epting	.5464
5. M. Lucas	.5998

F. Williams, I.B.S. Director

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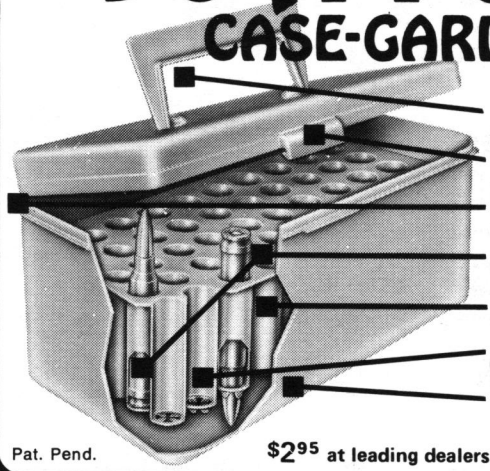

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IBS Registered Match Schedule, 1976

May 15	Englishtown BRSA	HV
May 22-23	Council Cup	HV, LV, BR, EXP.
May 29-30	Camillus	HV-LV
June 12-13	South Creek	HV-SP
June 19-20	Pine Tree Rifle Club	HV-LV-BR (5 shot) New York State Championship
July 3-4	Mainville	HV-LV-BR (5 shot) Pennsylvania State Championship
July 10-11	Council Cup	HV-LV-BR-EXP (5 shot)
July 17-18	South Creek	BR-EXP Championship and Registered Heavy Varmint
July 24-25	Camillus	HV-LV
August 12-15	Pine Tree Rifle Club	Varmint Championships HV-LV-SP
September 4-5	Mainville	200 & 300 Yard Championships HV-LV-BR-EXP
September 11	Englishtown BRSA	HV-LV 100 yd. only New Jersey State Championship

Canadian BRS Registered Matches

May 1-2	Stittsville Shooting Ranges	HV-LV-SP & any Two Gun
June 26-27	Stittsville Shooting Ranges	HV-LV-SP & and Two Gun Canadian Varmint Championships
Aug. 27-28-29	Stittsville Shooting Ranges	HV-BR (5 shot) 100, 200 & 300 yard

IBS Registered Hunter Rifle Match Schedule

May 2	Sulphur Springs	12 Noon
May 9	Mainville (200 yard)	12 Noon
May 16	York IWLA	12 Noon
May 29	Englishtown BRSA (Also UN & HV)	5:00 p.m.
May 30	Central Penn Rifle Club (Tentative)	
June 5	Mainville (100 yard)	12 Noon
June 6*	Mainville (200 yard) (Pennsylvania State Championship)	10:00 a.m.
June 20	York, IWLA	12 Noon
June 26	Englishtown BRSA	12 Noon
June 27	Sulphur Springs	12 Noon
July 10	Englishtown BRSA (Also UN & HV)	5:00 p.m.
July 18	York IWLA	12 Noon
July 24	Englishtown BRSA (Also UN & HV)	5:00 p.m.
August 1	Mainville	12 Noon
August 8	Sulphur Springs	12 Noon
August 15	York IWLA (Country Championship)	12 Noon
August 21	Englishtown BRSA	5:00 p.m.
August 22	Mainville	12 Noon
August 29	Sulphur Springs	12 Noon
Sept. 18 and Sept. 19	York IWLA (International Championships)	10:00 a.m.
Sept. 25	Englishtown BRSA (New Jersey State Championships)	4:00 p.m.
Sept. 26	Mainville (200 yards)	12 Noon
October 10	Mainville	12 Noon
October 17	York IWLA	12 Noon